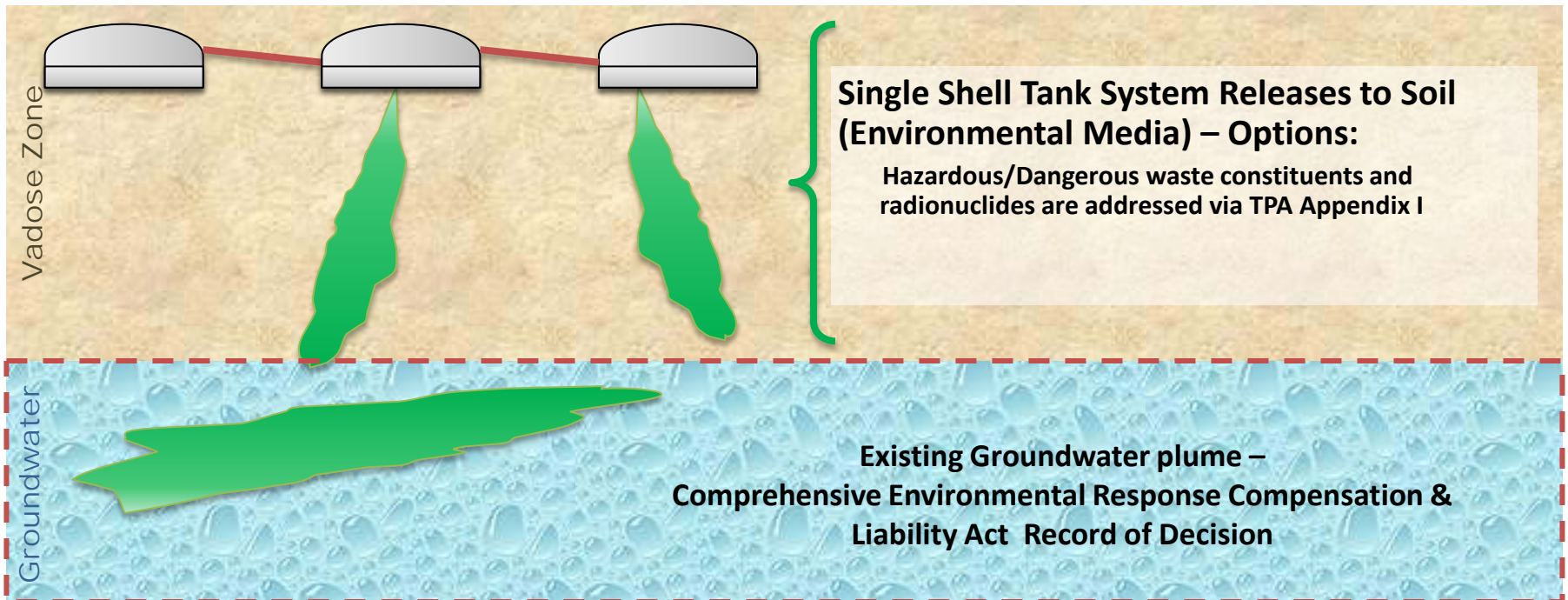




Tank Farm Area Cleanup Decision-Making

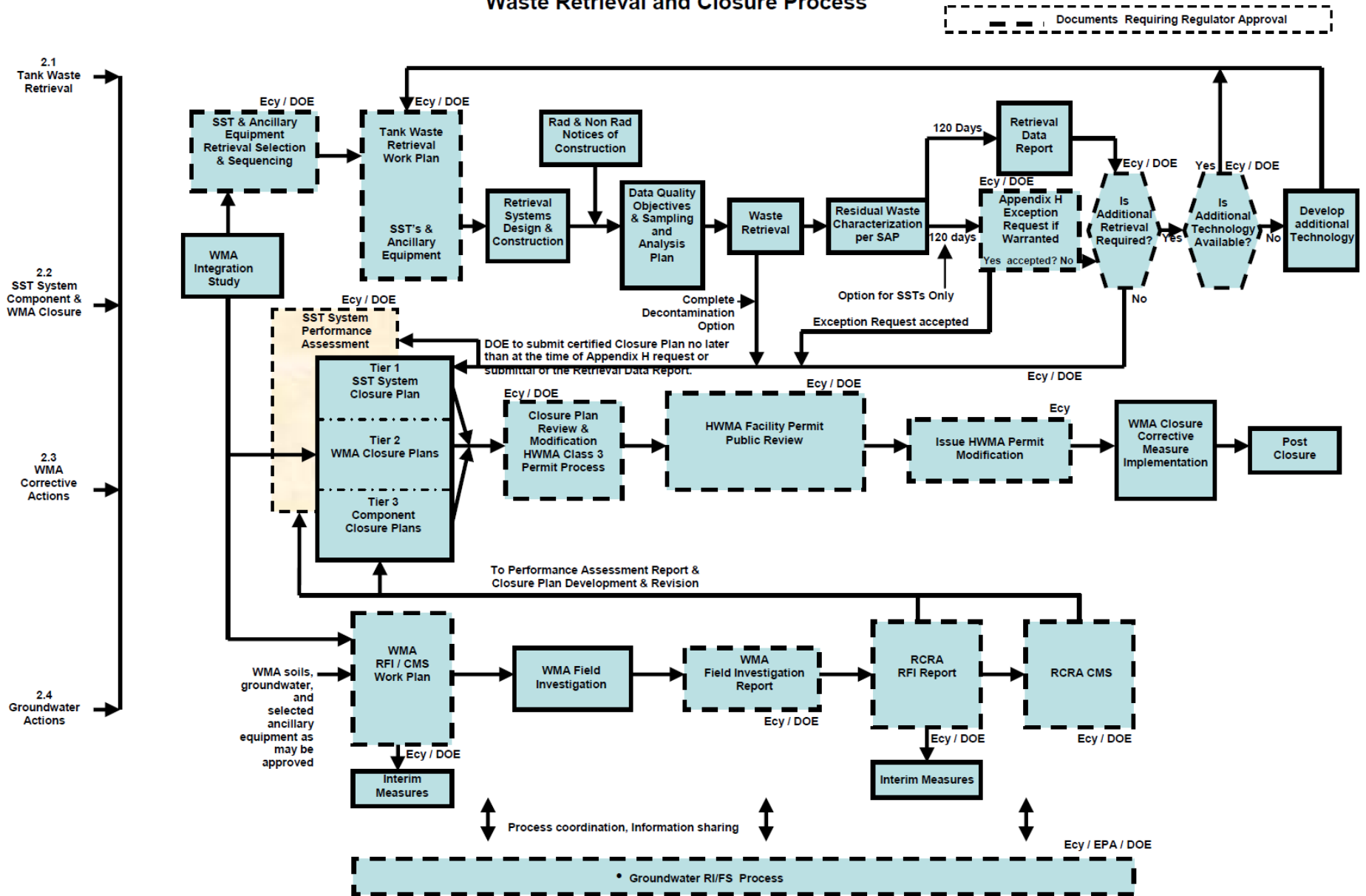
Single Shell Tank System Closure (tanks, structures and pipelines)

- Washington State Hazardous Waste Management Act (Resource Conservation & Recovery Act Closure Plan for dangerous waste constituents)
- +
- DOE Order 435.1 (435.1 closure plan for radioactive residual constituents in tanks and components of tanks)



APPENDIX I - SINGLE-SHELL TANK SYSTEM WASTE RETRIEVAL AND CLOSURE PROCESS

Figure I-1.
Single-Shell Tank Waste Management Area (WMA)
Waste Retrieval and Closure Process





TPA Appendix I for SST Retrieval and Closure

- Describes the SST retrieval and closure process
- Waste Management Integration and including WMA soils
- Retrieval Sequencing and Selection which is done currently under the Consent Decree and System Plan biennial update milestones M-062-40



TPA Appendix H for SST Retrieval and Closure

- The TPA establishes an agreed to goal that SSTs be retrieved to 360 cubic foot (100 series tanks) or the limit of technology, whichever is less
- If retrieval efforts cannot meet this goal, appendix H outlines a 14 step process to establish a waste retrieval goal for closure
- Appendix H includes the waste residual calculation method for the 100 series tanks and 200 series tanks
- Integration including WMA soils
- Tank Retrieval Sequencing for SSTs covered by the TPA is addressed under the System Plan required by milestone M-045-40



TPA Appendix H 14 step process

1. Establish goal
2. Evaluate Major Assessment Areas
3. Tank Retrieval Demonstration Goal Compliance
4. Tank Farm Retrieval Demonstration(s)
5. Tank farm Retrieval Demonstration Goal Compliance
6. SST Retrieval
7. Demine Residual Waste Percentage
8. Retrieval Compliance Evaluation
9. Petition for Regulatory Waiver
10. Waiver Acceptance
11. Additional Technology Available
12. Deploy Technology and Perform Additional Retrieval
13. Develop New Technology
14. Closure Action